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July 13, 2023

Richard Dwyer
Manager of Licensing
Nunavut Water Board
P.O. Box 119 Gjoa Haven, Nunavut, X0B1J0
Ph: 867 360 6338
Email: Richard.dwyer@nwb-oen.ca

Subject: Conditions of Part D of the Type A Water License: 3 AM-PAN 1828 of the Municipality of Pangnirtung:

Dear Mr. Dwyer,

I am writing to you to confirm that the Type A Water License: 3 AM-PAN 1828 was issued to the Municipality of Pangnirtung on May 4, 2018 and will expire on May 3, 2028. According to the conditions of Part D of this License, "the Licensee shall complete and provide to the Nunavut Water Board the results of a Hydrology/hydraulic study of the Duval River within four (4) years of approval of this License by the Minister".

Due to the recent COVID 19 Pandemic, this project was delayed. However, we completed the hydrology study using the services of the engineering consulting firm, EXP Services INC. and submitted the report to the Water Board in 2022. I would like to mention that due to funding challenges, this was a desktop study and did not cover all the elements stipulated in Part D of this License.

In partnership with the National Research Council (NRC), we submitted a research proposal to the Arctic and Northern Challenge program, which aims to examine the Duval River as the sole drinking water source for Pangnirtung for decades to come, including the consideration of possible impact of climate change. This proposed study mainly consists of field work, including details related to the discharge volume and velocity, erosion, sedimentation, water quality and variability of discharge in the Duval River. The funding was approved in June 2023 and the project will be carried out over three years. Additional elements of this project include:

- 1) Sharing traditional knowledge
- 2) Anticipated benefit to the applicant and the Nation



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- 3) Data management plan
- 4) Commitment to equity, diversity, and inclusion (EDI)
- 5) Gender Based Analysis + (GBA +)
- 6) Publication and Dissemination of research results

We are planning to submit a yearly progress report of this research project along with the Annual report of the Municipality of Pangnirtung to satisfy the conditions of this License. The study results will also be published in relevant scientific peer-reviewed journals.

I believe the results of both studies will satisfy the requirements of Part D and keep this License in compliance.

Should you have any questions, please feel free to contact me.

Best Regards,

Jamie Evic
Senior Administrative Officer
Hamlet of Pangnirtung
Ph: (867) 473-8953 ext 1001
Email: Jamie.evic@pangnirtung.ca

CC:

The Honourable Margaret Nakashuk, Minister of Family Services and Pangnirtung MLA

The Honourable David Joanasie, Minister of Community and Government Services

Kyle Seeley, Deputy Minister for Community and Government Services

Eric Lawlor, Mayor of Pangnirtung

Bhabesh Roy, M. A. Sc., P.Eng.; PM, ANCP of the Municipality of Pangnirtung.

Joseph Monteith, Crown - Indigenous Relations and Northern Affairs Canada